

[Home](#)
[About SIPO](#)
[Help](#)
[Feedback](#)
[Contact Us](#)

SIPR SEARCH



Modified downlink power control during macrodiversity

Application Number	98507916	Application Date	1998.08.05
Publication Number	1265792	Publication Date	2000.09.06
Priority Information	US05/875867/1997/6/6		
International Classification	H04B7/065		
Applicant(s) Name	Telefonaktiebolaget Lm Ericsson		
Address			
Inventor(s) Name	P. P. Butovitch; T. F. Sanjiv; M. S. Persson		
Patent Agency Code	Z2001	Patent Agent	luo bensheng

Abstract

Methods of controlling the power levels of transmitted signals in telecommunication systems are described. For example, a remote terminal measures the quality of a received signal, either by determining the frame error rate or the bit error rate, and reports its quality measurement to a network by sending a quality message. The network causes the signal transmitters to adjust their transmit power levels appropriately. Faster power control methods may be combined with slower power control methods for downlink (network to remote terminal) transmissions in various communications scenarios, such as soft hand-overs.

[Machine Translation](#)
[Close](#)

1/1000 1/2000 1/3000 1/4000 1/5000 1/6000 1/7000 1/8000 1/9000 1/10000

1/10000 1/11000 1/12000 1/13000 1/14000 1/15000 1/16000 1/17000 1/18000 1/19000